



ES7510 Firmware History (1800397)

Changes from v1.3a to v1.3b

- Update web interface with a signed JAR file so that Java 7/Update 51 permits the web interface to open.using the Java default security settings.

Changes from v1.0 to v1.3a

- **Web page changes (also provides CLI functionality)**
 - IP Configuration – Added IPv6 addressing
 - DHCP Server Configuration – Added DHCP Server Option82 and port-based DHCP server configuration
 - DHCP Relay Agent – Added DHCP Server Option82 and port-based DHCP server configuration
 - Time Settings – Change to Daylight Savings Time management and added IEEE1588 support
 - PoE Control
 - Automatically enable LLDP when 802.3at is enabled in the CLI and web page
 - Modified the port budget field of PoE in web and CLI to the same as the ES7510-XT
 - Modified the definition of zero value of PoE power budget - the zero value of PoE power budget is zero budget, not disabled budget function
 - Network Redundancy – STP Configuration – Added supporting pages with State (enable/disable) so you can disable the STP state when connecting a device to avoid STP waiting periods
 - Network Redundancy – MSTP Configuration – Added supporting pages
 - Network Redundancy – Added Loop Protect page
 - VLAN Port Configuration – Supports Tunnel mode.
 - VLAN Configuration – Supports 256 VLANs (maximum)
 - Private VLAN – Added web page support
 - Security – Added Port Security web page support
 - Multi-Event Alarm – Added web page support
 - Fault Relay:
 - Super Ring Topology changed to Ring Event
 - Added: Loop Protection
 - Topology Discovery – Changed LLDP timer default = 20
 - Web save function added that reminds users that they may want to apply a change that occurred on the page
- **Changes to the command line interface (CLI)**
 - Privileged EXEC mode: added hardware function, to enable/disable sensor
 - Global Configuration mode: dropped these commands: access-list and mac. The following commands were added:
 - ethertype: ethertype support added
 - ipv6: IPv6 address support
 - loop-detect: prevents broadcast loops in Layer 2 switching configurations

- mirror – added port mirroring support
- modbus: Modbus TCP/IP support
- nameserver – DNS server support
- netvision: Support for PortVision DX
- service: disable telnet and HTTP interfaces
- VLAN Interface Configuration mode added: ipv6 function
- Added NetVision gateway and DHCP function for PortVision DX support